

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051413

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04R7/12 H04R31/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 0113, no. 87 (E-566), 17 December 1987 (1987-12-17) -& JP 62 150997 A (MATSUSHITA ELECTRIC IND CO LTD), 4 July 1987 (1987-07-04) abstract; figures 1,2	1-7
X	PATENT ABSTRACTS OF JAPAN vol. 0061, no. 28 (E-118), 14 July 1982 (1982-07-14) -& JP 57 053198 A (TOSHIBA CORP), 30 March 1982 (1982-03-30) abstract	1-7

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *&* document member of the same patent family

Date of the actual completion of the international search

16 November 2004

Date of mailing of the international search report

23/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 96/14722 A (PHILIPS ELECTRONICS NV ; PHILIPS NORDEN AB (SE)) 17 May 1996 (1996-05-17) cited in the application page 1, line 15 - page 3, line 3 page 4, line 25 - page 5, line 20 figure 1</p> <p style="text-align: center;">-----</p>	1-7

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Information on patent family members

International Application No

PCT/IB2004/051413

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 62150997	A	04-07-1987	NONE	
JP 57053198	A	30-03-1982	NONE	
WO 9614722	A	17-05-1996	DE 69521412 D1	26-07-2001
			DE 69521412 T2	16-05-2002
			EP 0738454 A1	23-10-1996
			WO 9614722 A1	17-05-1996
			JP 9507989 T	12-08-1997
			US 5682435 A	28-10-1997